

Release notes for ENDF/B Development dec-088_Ra_228
evaluation

ENDF
B-VII.dev

October 14, 2016

- **fizcon** Warnings:

1. FIZCON apparently has a bug in its calculation of $\log(\text{FT})$ values that causes it to have trouble with nearly stable nuclei
MAT=3395, MF= 8, MT=457 (1): FT value OK

```
ERROR(S) FOUND IN MAT=3395, MF= 8, MT=457
ERROR CALCULATING BETA SPECTRUM INTEGRAL
```

2. FIZCON apparently has a bug in its calculation of $\log(\text{FT})$ values that causes it to have trouble with nearly stable nuclei
MAT=3395, MF= 8, MT=457 (2): FT value OK

```
ERROR(S) FOUND IN MAT=3395, MF= 8, MT=457
FT VALUE TOO SMALL
```

3. FIZCON apparently has a bug in its calculation of $\log(\text{FT})$ values that causes it to have trouble with nearly stable nuclei
MAT=3395, MF= 8, MT=457 (3): FT value OK

```
ERROR(S) FOUND IN MAT=3395, MF= 8, MT=457
FT= 0.00000E+00 E= 1.27300E+04 I=    9
```

4. FIZCON apparently has a bug in its calculation of $\log(\text{FT})$ values that causes it to have trouble with nearly stable nuclei
MAT=3395, MF= 8, MT=457 (4): FT value OK

```
ERROR(S) FOUND IN MAT=3395, MF= 8, MT=457
TOTAL ENERGY RELEASE SUMUP FAILURE
WHOLE= 4.58000E+04 SUM= 3.20142E+04
```